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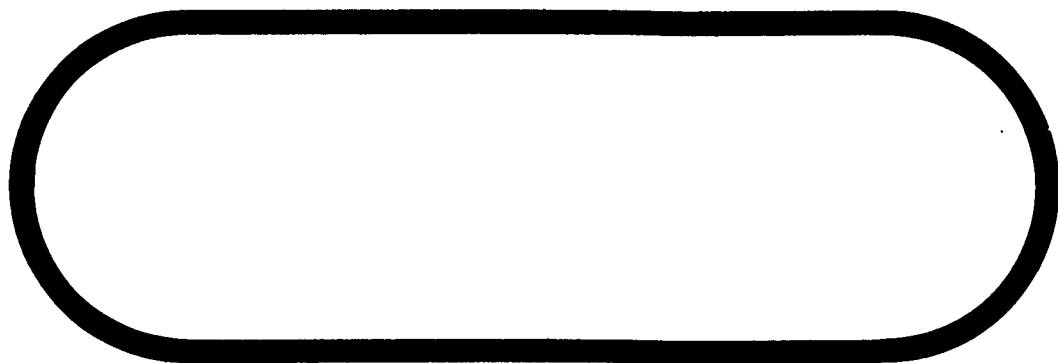
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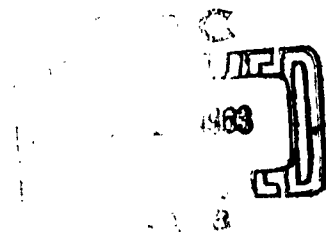
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NUMBER D2-14987-1  
TITLE SITE ACCEPTANCE TEST PROCEDURES  
WINGS III-V VAFB (U)  
MODEL NO. WS-133A CONTRACT NO. AF04(647)-757  
ISSUE NO. \_\_\_\_\_ ISSUED TO \_\_\_\_\_

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REV SYM A

# ACTIVE PAGE RECORD

SECTION	ORIG REL PAGE NO.	REV SYM	ADDED PAGES					SECTION	ORIG REL PAGE NO.	REV SYM	ADDED PAGES					REV SYM
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	2	A														
	3	A	3.1	A												
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REVISIONS			
SYM	DESCRIPTION	DATE	AFFECTED
	Initial release CCP 841	4/1/3	Original Release Color's 4-1
A	<p>Revised site designations on pages 4, 7, 9, 20, 21, 22, 23, 24, and 25. (ECP 322)</p> <p>Added flag note 2 on page 21 and to Fig. A 1428.3, Item No. 3.1.2. (PRR 15301)</p> <p>Added page 27. (PRR 15301)</p> <p>Added para. 6.0 and 6.1 to Table of Contents, page 4 (PRR 15301)</p> <p>Added subparagraph concerning Section 6 to para. 1.2, page 7. (PRR 15301)</p> <p>Page 6, para. 1.1, line 14; "Vol. VIII" was "Vol. VII" (PRR 9500) typographical error</p> <p>Incorporated the following ADRN's:</p> <p>ADRN 1; cancelled by ADRN 9.</p> <p>ADRN 2; cancelled by ADRN 11.</p> <p>ADRN 3; cancelled by ADRN 10.</p> <p>ADRN 4, page 19, Item No. 2.7.1; added Fig. A 6209. Item No. 2.7.2; added Fig. A 6201, 6301, Vol. 2 and Vol. 1 (PRR 9500)</p> <p>ADRN 5, page 24; added Item No. 4.1.14 (PRR 9500)</p> <p>ADRN 6, page 21, Item No. 3.1.1; added Doc. No. D2-14400, Sec. 6 &amp; 7. (PRR 9500)</p> <p>ADRN 7, page 12, Item No. 2.2.3; Vol. 6 was Vol. 4. (PRR 9500)</p> <p>ADRN 8, page 14, Item No. 2.2.1; Doc. No. D2-7817, Vol. 4 was D2-10058. Item No. 2.2.2; added Vol. 6. Item No. 2.2.6; added Vol. 6. Item No. 2.2.7; added Vol. 6. Item No. 2.2.8; added Vol. 6. (PRR 15193)</p> <p>ADRN 10, page 23, Item No. 4.1.2; Vol. 7 was Vol. 5. Item No. 4.1.4; Dwg. No. 21-53325 was Doc. No. D2-7376 and D2-14546. Item No. 4.1.9; Vol. 7 was Vol. 5. (PRR 15193)</p> <p>ADRN 11, page 21, Item No. 3.1.4; Vol. 7 was Vol. 5. Item No. 3.1.7; Vol. 7 was Vol. 5. Item No. 3.1.9; Vol. 7 was Vol. 6. Item No. 3.1.10; Vol. 7 was Vol. 5 (3 places) and Vol. 9 was Vol. 5. (PRR 15193)</p> <p>ADRN 13, page 23, Item No. 4.1.1; deleted assembly dwg. 24-3258 and Doc. No. D2-10973. (PRR 9500)</p> <p>ADRN 14, page 8; added paragraph 1.3.6 (PRR 15193)</p>	5/29/3	R.A. De

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REV SYM A

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	<p>ADRN 15, page 9, para. 1.4, line 6; "Launch Complex" was "LCF #2" and dwg. no. 24-2141 was 24-3280. Line 8; deleted "#7 and #8" and dwg. no. 24-2144 was 24-3257. (PRR 9500)</p> <p>ADRN 16, Page 21, Item No. 3.1.2; Added Fig. A 1432.2 and Doc. No. D2-15023 was D2-14842. (PRR 15300)</p> <p>Added page 3.1</p>	5/24/83	<p>2-407 RColl. Planning- QC- R. E. Johnson 2-155- 2-29-</p>
	U.L. APPERSON <i>[Signature]</i> 5/24/83		

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**DOING** NO. D2-14987-1  
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THE FOLLOWING DOCUMENTS ARE PART OF THIS DOCUMENT

- VOL. 2 D2-14987-2 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Cooling Air Adjustment (U)
- VOL. 3 D2-14987-3 Site Acceptance Test Procedures, Wings III-V,  
VAFB-LF Startup Test (U)
- VOL. 4 D2-14987-4 Site Acceptance Test Procedures, Wings III-V,  
VAFB-LF End-to-End Test (U)
- VOL. 5 D2-14987-5 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Ordnance Installation and Safety Test (U)
- VOL. 6 D2-14987-6 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Line Equalization Test (U)
- VOL. 7 D2-14987-7 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Single Thread Command and Monitor Tests (U)
- VOL. 8 D2-14987-8 Site Acceptance Test Procedures, Wings III-V,  
VAFB-LF-Missile Integration Tests (U)
- VOL. 9 D2-14987-9 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Launch Net Verification Tests (U)
- VOL. 10 D2-14987-10 Site Acceptance Test Procedures, Wings III-V,  
VAFB-SAC Communications Tests (U)
- VOL. 11 D2-14987-11 Site Acceptance Test Procedures, Wings III-V,  
VAFB-Simulated Flight to Flight Integration (U)

## 1.0 INTRODUCTION

### 1.1 Purpose and Scope

The purpose of this document is to serve as an index in specifying the equipment, testing, and test procedure documentation required for the Assembly and Checkout Task of the Wing III-V WS-133A Minuteman site located at Vandenberg Air Force Base.

The documentation prescribed herein, includes only the testing and procedures required for the Wing III-V Assembly and Checkout Task during normal checkout operations as defined by D2-7871, Vol. II "Assembly and Checkout System Requirements, Wing III-V - VAFB". In many areas testing and procedures are identical to those used during the Wing I and Wing II Assembly and Checkout operations. The Wing I and Wing II testing and procedures are contained in Documents D2-7871 Vol. I "Assembly and Checkout System Requirements, Wings I & II - VAFB", D2-9262 Vol. VIII "Site Acceptance Test Procedures VAFB", and D2-14652-1 "Site Acceptance Test Procedures Wing II - VAFB".

### 1.2 Organization of Documentation

Paragraph 1.0 is the introduction and the subparagraphs under it contain the purpose and scope of the document, the general requirements containing ground rules governing during the checkout process, the conditions that are applicable during testing, and definitions of terms particularly applicable to the Assembly and Checkout Task.

The remaining major sections contain the various tables in which the required testing and documentation peculiar to Wing III-V are identified. The tables contain each test or end-item to be tested and identifies the procedures to be used, also each table contains a column titled "Authority for Test" which identifies the paragraph of D2-7871, Vol. II, "Assembly and Checkout System Requirements, Wing III-V - VAFB", in which the requirement to test appears.

Table 1 identifies the mechanical CGE that requires a specific preinstallation test, subassembly, or cleaning operation and the documentation to perform these functions.

Table 2 identifies the electrical CGE which requires functional testing at the CSA and the documentation required to perform testing.

Table 3 identifies items of load handling equipment which are to be inspected to insure that they bear valid certification of factory proof-load testing. Predelivery tests, servicing, or special cleaning of mechanical HGE equipment requiring these operations will have been accomplished under VAFB Wing I or Wing II programs. No retest action will be required for these items.

## 1.2

Organization of Documentation (Cont.)

Table 4 identifies Electrical MGE which requires functional testing at the CSA. At the present time there are no electrical MGE peculiar to the Wing III-V program at Vandenberg AFB which require preinstallation processing at the CSA. All preinstallation processing of electrical MGE is now covered, under the Wing I and Wing II programs, in documents D2-7871, Vol. I, D2-9262 Vol. VIII and D2-14652-1.

Table 5 identifies the mechanical BATE and SFC/OH equipment that requires testing prior to usage.

Table 6 identifies the electrical BATE and SFC/OH equipment to be functionally tested upon receipt at the CSA.

Table 7 identifies the Airborne Equipment to be tested at the CSA.

Table 8 identifies the testing and detailed procedures required for the checkout of equipment assembled in HLCC OYE.

Table 9 identifies the testing and detailed procedures required for the checkout of equipment assembled in Launcher 08.

Table 10 identifies the testing and detailed procedures for system integration testing.

Section 6.0 contains the interim procedures which are used in lieu of normal procedures in order to meet program milestones.

### 1.3. General Requirements

The following general requirements are applicable to all paragraphs of this volume.

#### 1.3.1 Calibration - Certification

Before performing any test specified herein, ACO equipment requiring Calibration and/or testing must bear a valid certification label. Calibration and/or testing will be accomplished in accordance with the documentation prescribed in D2-12075, "Calibration, Certification, and Test Document Index".

#### 1.3.2 Unscheduled Events

An unscheduled event that occurs during testing shall be referred to the Boeing liaison engineer for necessary action. Instructions that may be contained in individual procedures concerning malfunctions or other unscheduled events shall not be performed unless so directed by the liaison engineer. The action taken shall be coordinated with the Boeing Quality Control Department.

#### CAUTION

All electronic malfunctions in the LF and LCF shall be isolated by the use of standard Minute-Test equipment applied to prescribed test points. The use of test equipment to take voltage readings at non-standard points in electronic circuits for malfunction isolation, referred to as probing, is prohibited.

#### 1.3.3 Test Order

This document does not provide the order of test sequencing. Test sequences must be derived from the prerequisites given in the individual test procedures.

#### 1.3.4 Safety

Compliance with the safety requirements provided in D2-9460, VAFB Safety Requirements is mandatory.

#### 1.3.5 Cooling Airflow Adjustment

No power shall be applied to any equipment requiring cooling air prior to the completion of the required adjustments to the cooling air provided for the equipment.

#### 1.3.6 Whenever a conflict in effectivity exists between this document and referenced test documentation, this document shall govern.

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#### CAUTION

All electronic malfunctions in the LF and LCF shall be isolated by the use of standard Minute-man test equipment applied to prescribed test points. The use of test equipment to take voltage readings at non-standard points in electronic chassis for malfunction isolation, referred to as probing, is prohibited.

#### 1.3.3 Test Order

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#### 1.3.6 Whenever a conflict in effectivity exists between this document and referenced test documentation, this document shall govern.

1.4

### Conditions

The following conditions shall apply:

Prior to postassembly testing, the equipment to be checked out shall have been assembled and inspected in accordance with the following applicable assembly drawings:

Launch Control Facility Assembly - Launch Complex-VAFB	24-2147
Soft Launch Control Center Assembly B-1 Trainer CID	24-2147
Launch Facility Assembly - VAFB	24-2147
Strategic Missile Support Building - VAFB	24-2150
Contractor Support Area - VAFB	24-2197

No test equipment accuracy shall be assumed to be in excess of that specified by its manufacturer, even though scales may be read to greater accuracy.

The tolerances specified in the prescribed procedures include no allowances for inaccuracies of test equipment except in cases where an instrument reading is shown; in those cases the specified readings include the normal tolerances of the instrument.

The operations described in the procedures shall be performed by technicians, considered qualified by the test supervisor in the operation of the test equipment concerned.

1.5

### Definitions

#### Assemble

The act of receiving equipment and material at the work site and performing such further work as is necessary to replace and interconnect the equipment in accordance with assembly drawings and documentation. The term "assemble" is appropriate even when the unit is completely portable and does not require permanent connection to facilities or other equipment.

#### Assembly and Checkout Equipment:

That category of test equipment consisting of Special Facilities Contract Equipment (SFC/OH), and Base Activation Test Equipment (BATE) used in assembly and checkout and transferable from site to site during system assembly.

#### Base Activation Test Equipment (BATE)

Equipment used during assembly and checkout and requiring special design that is peculiar to the Minuteman Assembly and Checkout task.

## 1.5 Definitions (Continued)

### Checkout:

The step-by-step method by which weapon system equipment is tested to assure performance measurements.

### Maintenance Ground Equipment (MGE)

The equipment required to maintain the Minuteman missile and the OGE in a condition such that the weapon system is capable of performing its mission. The term "maintain" includes such functions as "test", "Repair", and "transport".

### Operating Ground Equipment (OGE)

Equipment required to support the Minuteman missile in the direct performance of its mission. This includes the equipment required to ready the missile during the launch sequence and to initiate launch.

### End-Item:

Smallest assembly of equipment identified by a Figure A number or ACO number received or assembled on the base site. These items have previously undergone (1) an acceptance test prior to shipment from a vendor's plant, and (2) receiving inspection at the base site.

### Subsystem:

Combination of two or more end-items which are combined at the base site and which after combination, perform an individual function.

### System:

Combination of all subsystems that are necessary to support a major part of the Minuteman Weapon System at the base site.

### Preambly Testing:

Preambly testing is a confidence check performed on critical items of equipment to ensure that only proven equipment is assembled. This reduces postassembly malfunction, and subsequent fault isolation to equipment assembly rather than internal breakdown. Generally, this testing is restricted to items of electronic equipment and sensitive units of mechanical equipment.

### Postassembly Testing:

Postassembly testing following the assembly of equipment is perform-



1.5

Definitions (Continued)

ed with the same type of portable test sets normally used in organizational maintenance. In instances where a unique function must be performed, special test equipment (BATE) is used.

Integration Testing:

Integration testing is the postassembly checkout of two or more end-items assembled into a subsystem or system.





## 2.0 CONTRACTOR SUPPORT AREA:

This section consists of tables which define all equipment, testing and documentation required to be performed at the contractor Support Area to support the Wing III-V VAFB assembly and checkout task.

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CS4 PREINSTALLATION TESTS - MECHANICAL O3E				TABLE 1		
2.1	ITEM NO.	FIG. NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST*	DET. PROC. DOCUMENT	VOL.
				PARA.	DOC.	
	2.1.1	1318	PLUMBING SET, G2C GROUNDED COOLING 	3.3.1.1	D2-7871	1
	2.1.2	1322.2	SUPPORT, MISSILE, SUSPENSION AND ALIGNMENT SYSTEM 	3.3.1.2	Assembly Diag. 24-3253	
			 Testing of the plumbing set is not normally to be performed at the CSA. If the hoses of the plumbing set show evidence of contamination, they are to be flushed at the deionized water facility of the CSA with deionized water prior to being installed in the system, with equipment provided at the deionized water facility, as identified in Function 2.4 of D2-7871, Vol. I.			
			 This system is not to be tested at the CSA. However, some preassembly and rework will be required in support of the assembly function at the LF.			

\*D2-7871 VOLUME II

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TABLE 2

CSA PREINSTALLATION TESTING - ELECTRICAL OGE

2.2

ITEM NO.	FIG. NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST		DEL. PHOC. DOCUMENT
			PARA	DOC.	VER.
2.2.1	1201	PROXALMER GROUP	3.3.2.1	D2-11356	4
2.2.2	1300	REPEATER, TELEPHONE SET	3.3.2.2	D2-11356	6
2.2.3	1368	RADIO SET	3.3.2.3	D2-11356	6
2.2.4	9201	REPEATER ANTENNA AND AMPLIFIER, COMMAND DESTRUCT AND TELETYPE SYSTEM, CTLL	3.3.2.4	United Control Corp. Doc. 2301-12	
2.2.5	9232	PROTECTIVE DEVICE, INADVERTENT IGNITION, ORDNANCE, CTLL	3.3.2.5	D2-12599	
2.2.6		PRIMARY ALERT SYSTEM (PAS) PANEL ASSEMBLY (XELL032 320200)	3.3.2.6	D2-14956 ITAT XELL032 DNG. 820200	6
2.2.7	1282	BATTERY, STORAGE	3.3.2.7	D2-10361	6
2.2.8	1288	BATTERY, STORAGE	3.3.2.7	D2-10361	6

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2.3 CSA PREINSTALLATION TESTING - MECHANICAL MGE			TABLE 3		
ITEM NO.	FIG. A NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST*	DET. PROC. DOCUMENT	
			PARA.	DOC.	VOL.
2.3.1	4646.3	SLEED, ANCHETING L.L.F.	3.3.3	1	
2.3.2	4648.5	POISTING ULLI, HYDRAULIC P.E.L.M.	3.3.3	1	
<p>1 These items of load handling equipment are to be inspected to insure that they bear valid certification of factory proof-load testing.</p>					

2.4 CSA PREINSTALLATION TESTING - ELECTRICAL MGE			TABLE 4	
ITEM NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST*	DET. PROC. DOCUMENT	
		PARA.	DOC.	VOL.
2.4.1	THERE ARE NO TYPES OF ELECTRICAL ARE FAMILIAR TO THE WING III PROGRAM AT VARIOUS ARE WHICH REQUIRE PREINSTALLATION PROCESSING AT THE CSA. ALL PREINSTALLATION PROCESSING OF ELECTRICAL MGE IS NOW COVERED UNDER WING I AND WING II PROGRAMS IN DOCUMENT D2-7671 VOLUME I, D2-9262 VOL. VIII AND D2-14652-1.			

D2-7671 VOLUME II

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2.5		CSA - MECHANICAL BATE AND SFC/OH EQUIPMENT		TABLE 5		
ITEM NO.	ACO NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST	DET. PROC. DOCUMENT		
					DOC.	VOL.
2.5.1	4646.3	SLING, HYDRAULIC JACK 	3.3.5	Dwg. 25-37015		
2.5.2	4648.3	HOIST, HYDRAULIC JACK 	3.3.5	Dwg. 25-37098		
 This item of equipment will require periodic load-testing in accordance with Boeing Operating Procedures 538-002 and 2-4200-61, and is to be proof-loaded in accordance with their respective drawings.						

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2.6		CSA - ELECTRICAL BATE AND SFC/OH EQUIPMENT		TABLE 6	
ITEM NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST	DET. PROC. DOCUMENT	DOC.	VOL.
		PARA.			
2.6.1	<p>THERE ARE NO ELECTRICAL BATE AND SFC/OH EQUIPMENT REGULATED TO THE FIVE MILITARY STANDARDS WHICH REQUIRE QUALIFICATION. PROCESSING AND THE COM. AND THE INFORMATION PROCESSING OF ELECTRICAL BATE AND SFC/OH EQUIPMENT IS NOT COVERED UNDER THE FIVE MILITARY STANDARDS II PROGRAM'S I. DOCS. 20 12-7571 VOL. 1, 12-9262 VOL. VIII, 12 12-14357-1.</p>				



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2.7 CSA PREINSTALLATION TESTS - AIRBORNE EQUIPMENT				TABLE 7	
ITEM NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST*	DET. PROC. DOCUMENT		
			PARA.	DOC. VOL.	
2.7.1	TEST STAND III (DU-C-3) STAFF - (A) TEST STAND III Fig. A 6209	3.3.7.1	D2-13581		
2.7.2	TEST STAND III (DU-C-3) STAFF - (A) TEST STAND III Fig. A 6201 Fig. A 6301	3.3.7.2	D2-9059 D2-9039	2 1	

3.0 HARD LAUNCH CONTROL FACILITY SUBSYSTEM CHECKOUT:

This section consists of Table 8 which identifies the testing and detailed procedures required for the checkout of equipment assembled in HLEC 01E.

### TABLE 8

HARDENED LAUNCH CONTROL CENTER OIE TESTING.				TABLE 8	
ITEM NO.	FIG. A NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST		DEL. PROC. DOCUMENT
			PARA.	DOC.	
3.1.1	1421.2 & 1420.2	CHECKOUT AND ACTIVATION OF SHOCK ISOLATORS AND SWAY DAMPERS <span style="border: 1px solid black; padding: 0 5px;">1</span>	5.3.1		12-6262-2-2 12-14400-2-2-607 12-24-3200
3.1.2	1418.3 & 1428.3 & 1432.2	BLAST VALVE SUBSYSTEM CHECKOUT <span style="border: 1px solid black; padding: 0 5px;">2</span> BLAST VALVE SUBSYSTEM CHECKOUT BLAST VALVE SUBSYSTEM CHECKOUT	5.3.2		12-17003 12-24-3215
3.1.3		ADJUSTMENT OF EQUIPMENT COOLING AIR FLOW	5.3.3		12-14997-2 12-24-3200
3.1.4		ELECTRICAL POWER SYSTEM TESTS	5.3.4		12-7619
3.1.5	1243	LAUNCH CONTROL CONSOLE	5.3.5		12-6913
3.1.6		DATA ANALYSIS CENTRAL	5.3.6		12-10063
3.1.7		SUPPORT INFORMATION NETWORK (SIN) SYSTEM	5.3.7		12-10063
3.1.8	1338	COMMUNICATIONS CONTROL CONSOLE	5.3.8		12-11337
3.1.9	1320	SAC/CTE TELEPHONE REPEATER SET	5.3.9		12-11336
3.1.10		HF/UHF RADIO EQUIPMENT CHECKOUT	5.4		12-11341 12-11343 12-11345 12-11347 12-11349
		<span style="border: 1px solid black; padding: 0 5px;">1</span> TESTING IS TO BE PERFORMED IMMEDIATELY AFTER INSTALLATION OF THE SHOCK ISOLATION & SWAY DAMPERS, & MUST BE COMPLETED BEFORE INSTALLATION OF OTHER LCC/OGE			
		<span style="border: 1px solid black; padding: 0 5px;">2</span> VALVE AAC/O REQUIREMENT PER PARA. 6.1			

#### 4.0 LAUNCH FACILITY SUBSYSTEM CHECKOUT:

This section consists of Table 9 which identifies the testing and detailed procedures required for the checkout of equipment assembled in Launcher 09.

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4.1 LAUNCH FACILITY 08 SUBSYSTEM CHECKOUT				TABLE 9		
ITEM NO.	FIG. NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST	DET. PROC. DOCUMENT		VOL.
				PARA.	DOC.	
4.1.1	1322.2	SUPPORT, MISSILE SUSPENSION AND ALIGNMENT SYSTEM CHECKOUT	4.3.1		D2-14702	
4.1.2		SIL TELEPHONE TESTS	4.3.2		D2-10062	7
4.1.3	1294 & 9027	LAUNCHER CLOSURE CHECKOUT	4.3.3		D2-5959	
4.1.4	9160	CAC MECHANICAL CABLE RETRACTOR CHECKOUT	4.3.4		21-53325	
4.1.5		BALANCE FLOOR SHOCK ISOLATION SYSTEM	4.3.5		D2-6262-2-11	
4.1.6		ADJUSTMENT OF EQUIPMENT COOLING AIR FLOW	4.3.6		P.O. 21-SIN01-2-7 D2-14987-2	
4.1.7	1429.3	LSB BLAST DAMPER CHECKOUT	4.3.7		To be added	
4.1.8	9233 & 9112	TEST CTLI POWER SUPPLY AND CONTROL EQUIPMENT 	4.3.8		D2-10811 Model Spec S-153-2110	
4.1.9		ELECTRICAL POWER SYSTEM TEST	4.3.9		D2-7618	

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4.1 LAUNCH FACILITY 08 SUBSYSTEM CHECKOUT				TABLE 9		
ITEM NO.	FIG. NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST	DET. PROC. DOCUMENT		VOL.
				PARA.	DOC.	
4.1.10		TEST CTLI RF SYSTEM	4.3.10		D2-9835 Model Spec 3-133-2110	7
4.1.11		DATA ANALYSIS CENTRAL EQUIPMENT	4.3.11		D2-10066	5
4.1.12		LIQUID COOLING EQUIPMENT, GROUND GUIDANCE AND CONTROL	4.3.12		D2-10735 D2-13915 D2-6262-2-6	
4.1.13		TEST LAUNCHER PERSONNEL ACCESS SUBSYSTEM	4.3.13		D2-6262-2-10 D2-6262-2-19	
4.1.14		SECURITY SYSTEMS TEST	4.6		D2-14795	-
<div>1</div> <p>Upon completion of the individual item functional tests, two subsystem integration tests are to be performed. These are tests No. 4 and 5 in D2-9835 Vol. VII.</p>						

### 5.0 INTEGRATION TESTING

This section consists of table 10 which identifies the integration tests required to determine that HLCF 01E and Launcher 08 function properly before and after connection via the landlines.

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5.1 INTEGRATION TESTING - LCF & LF				
ITEM NO.	FIG. A NO.	TEST OR EQUIPMENT NOMENCLATURE	AUTHORITY FOR TEST	DET. PRINC. DOCUMENT
			PARA.	DOC. VOL.
5.1.1		LAUNCH FACILITY CHECKOUT TEST	4.4	02-14987-1 3
5.1.2		LAUNCH FACILITY END TO END TEST	4.5	02-14987-1 4
5.1.3		ORDNANCE INSTALLATION AND SAFETY TEST	4.7, 4.8	02-14987-1 5
5.1.4		LIFE EXHAUSTION TEST	9.1	02-14987-1 6
5.1.5		SEBELT THERMAL COLLAPSE AND D. COLLAPSE TEST	9.2	02-14987-1 7
5.1.6		LAUNCH FACILITY-INTS. INTEGRATED TEST	4.9	02-14987-1 8
5.1.7		LAUNCH FACILITY VIBRATION TEST	9.3	02-14987-1 9
5.1.8		OTER SYS. IS	9.5	02-9835 11
5.1.9		SIG LAUNCH FLIGHT TO FLIGHT INTEGRATION	9.4	02-14987-1 11
5.1.10		SAC COMMUNICATIONS SYSTEMS CHECKOUT	9.6	02-14987 10
*02-7871 VOLUME II				



6.0

INTERIM PROCEDURES

The interim procedures (I.P.'s) in this section are provided to enable continuation of a program or job according to established schedules when the program or job would otherwise be slowed or stopped because of a lack of programmed information, material, or equipment.

Each I.P. is incorporated in compliance with a specific work around plan which is initiated as a result of a problem to provide the means and action necessary to alleviate the problem. The I.P. has the same number as the work around plan which is maintained in D2-20633, "Work Around Plans, Minuteman Site Activation and Test Programs."

6.1

Interim Procedure 169

This interim procedure shall waive the installation and checkout requirement for Fig. A's 1428.3 as specified in paragraph 3.1.2 for LCF-01E.

This waiver shall remain in effect until and including the 1st Wing III - VAFB Launch.